

CURSO DE JAVA CON JDBC

INSTALACIÓN DE MYSQL



Por el experto: Ing. Ubaldo Acosta



Experiencia y Conocimiento para tu vida

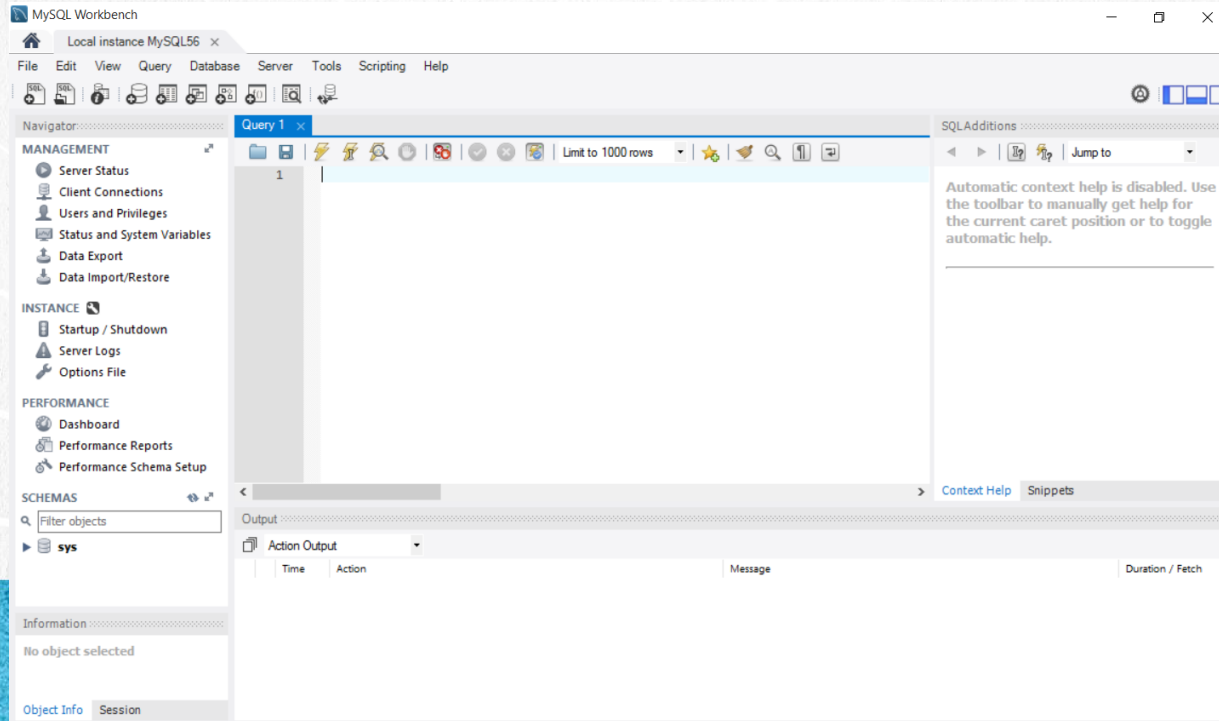


CURSO DE JAVA CON JDBC

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OBJETIVO DEL EJERCICIO

Instalar el motor de base de datos de Mysql. Al finalizar deberemos observar lo siguiente:



PASO 1. DESCARGA DE MYSQL

Vamos a descargar mysql del siguiente link:

Windows:

<http://icursos.net/software/mysql/mysql-installer.msi>

Mac OS:


<http://icursos.net/software/mysql/mysql-macos.dmg>

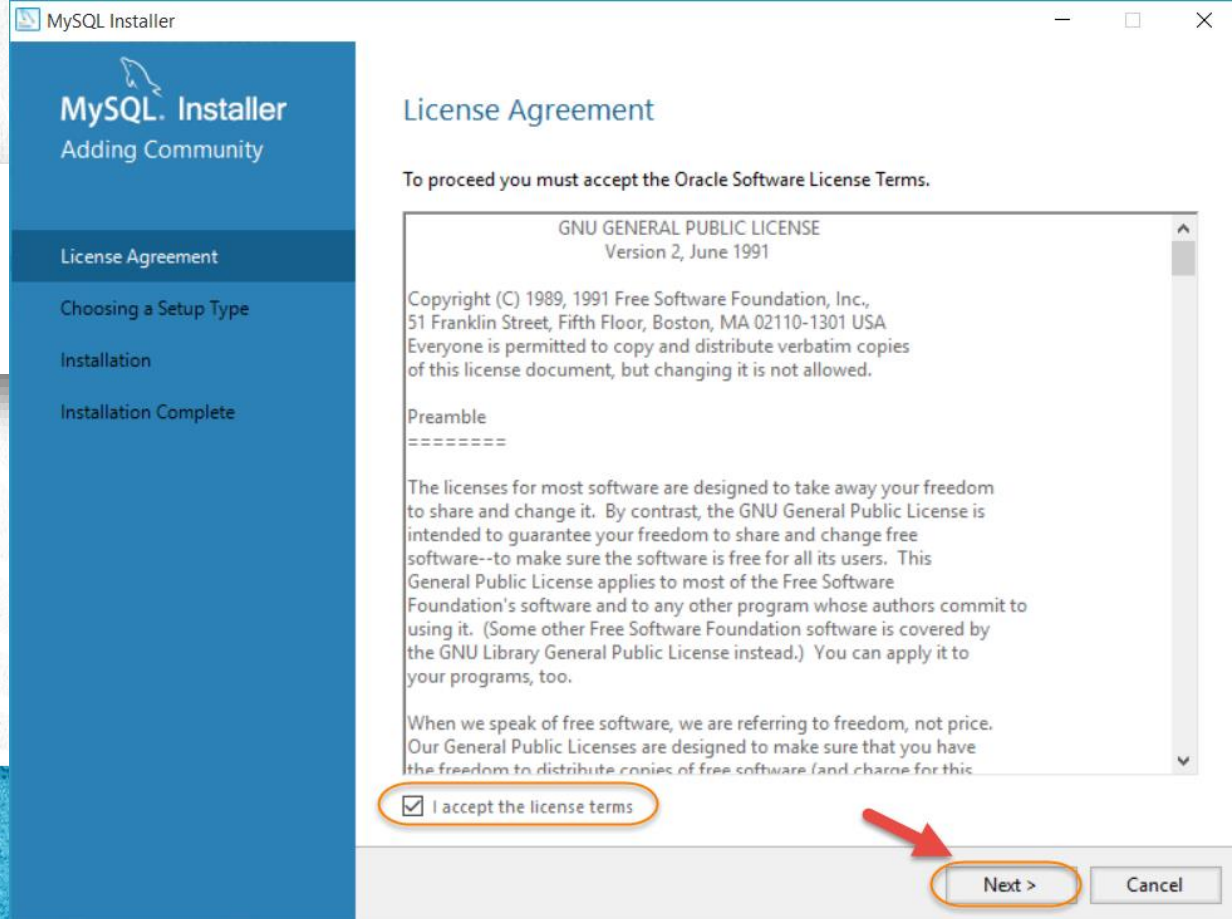
Otros sistemas operativos:

<http://dev.mysql.com/downloads/mysql/>

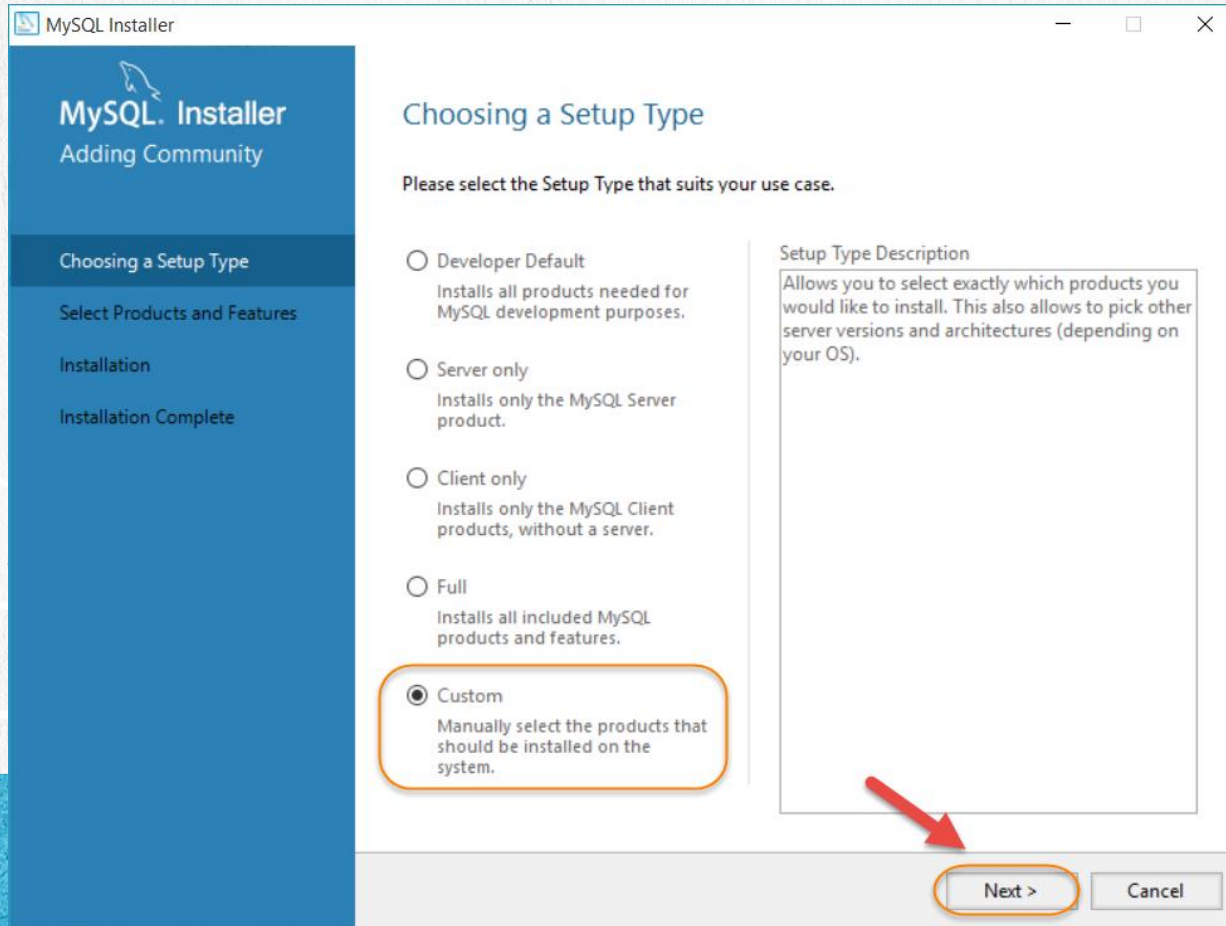
PASO 2. INSTALACIÓN DE MYSQL

Nombre

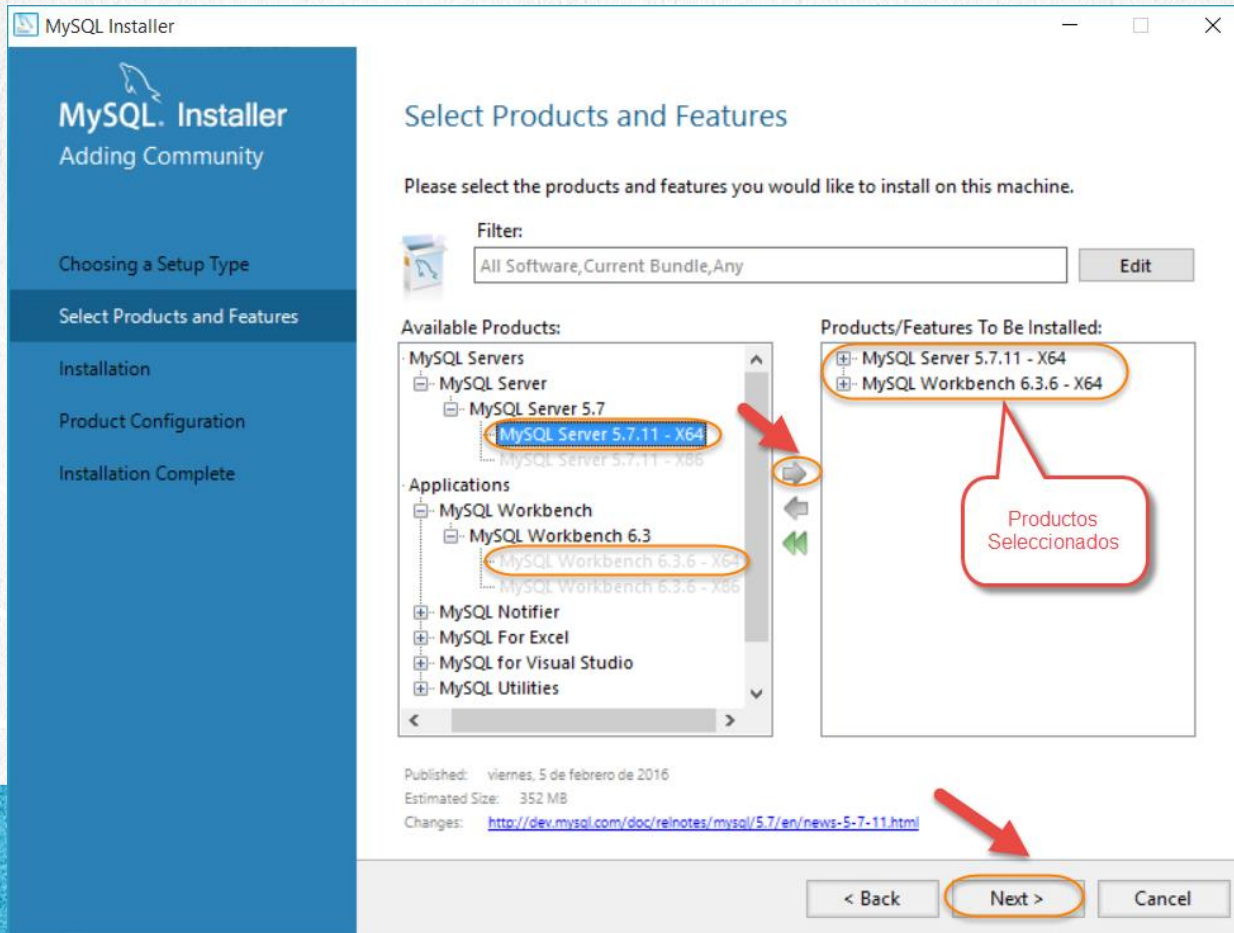
 mysql-installer-community-5.7.11.0.msi



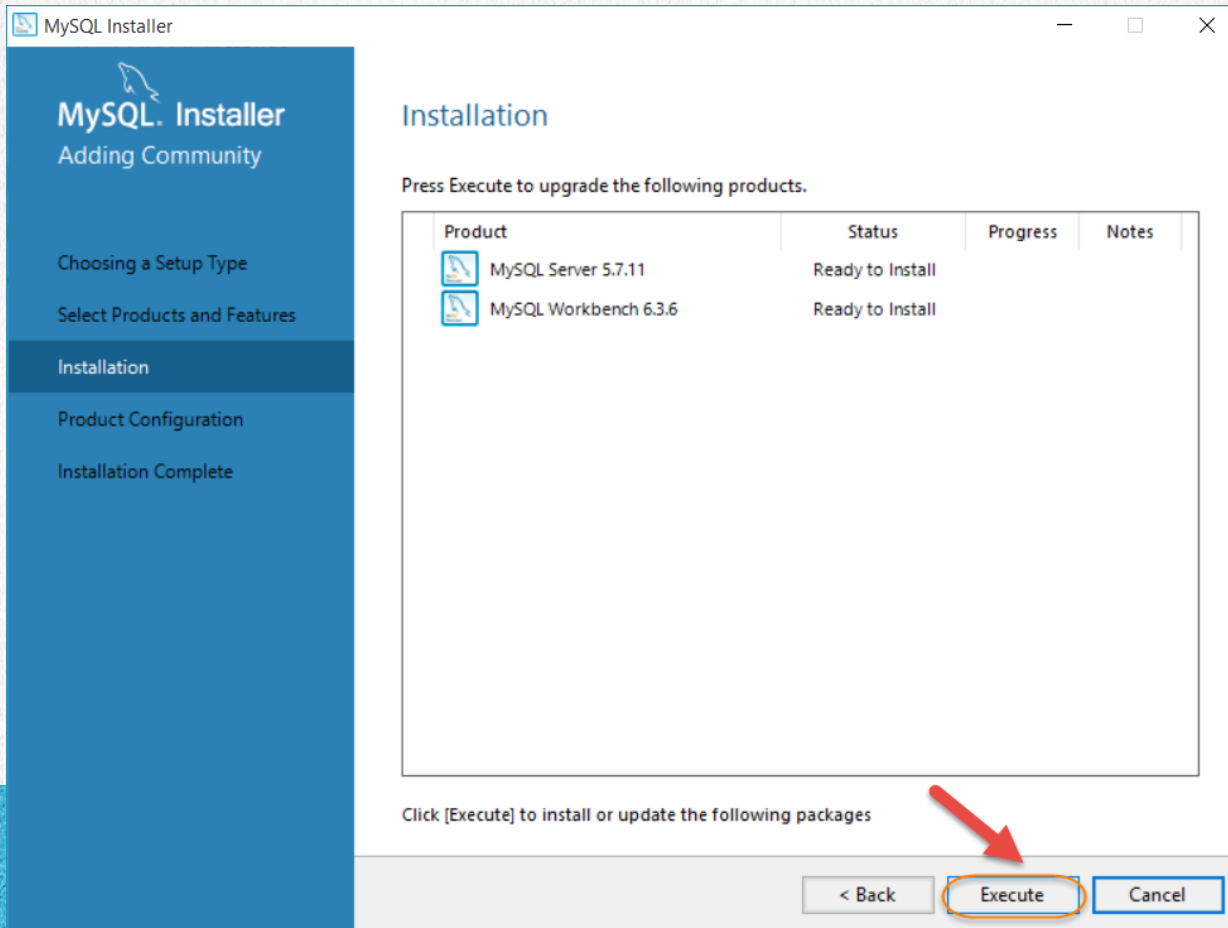
PASO 2. INSTALACIÓN DE MYSQL (CONT)



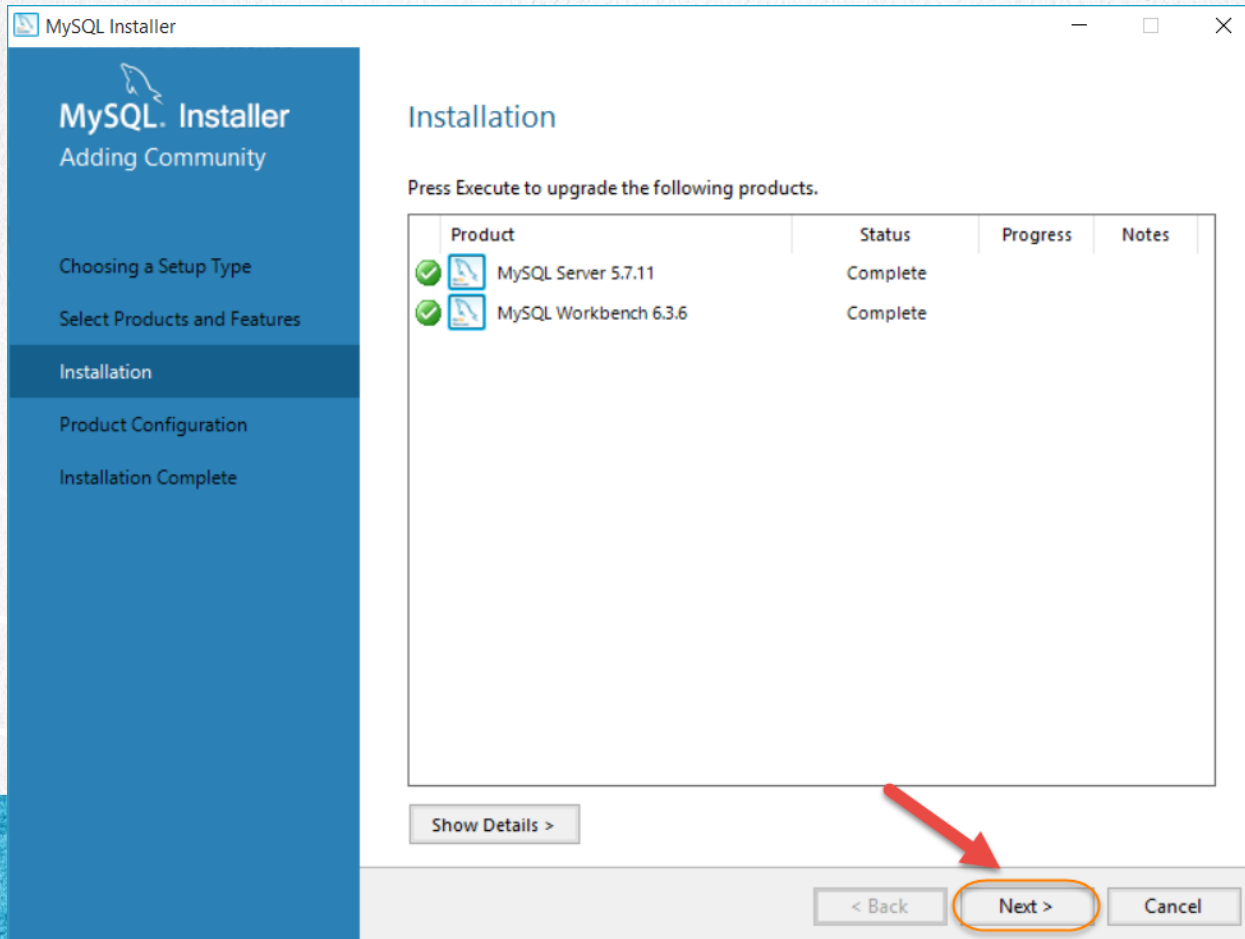
PASO 2. INSTALACIÓN DE MYSQL (CONT)



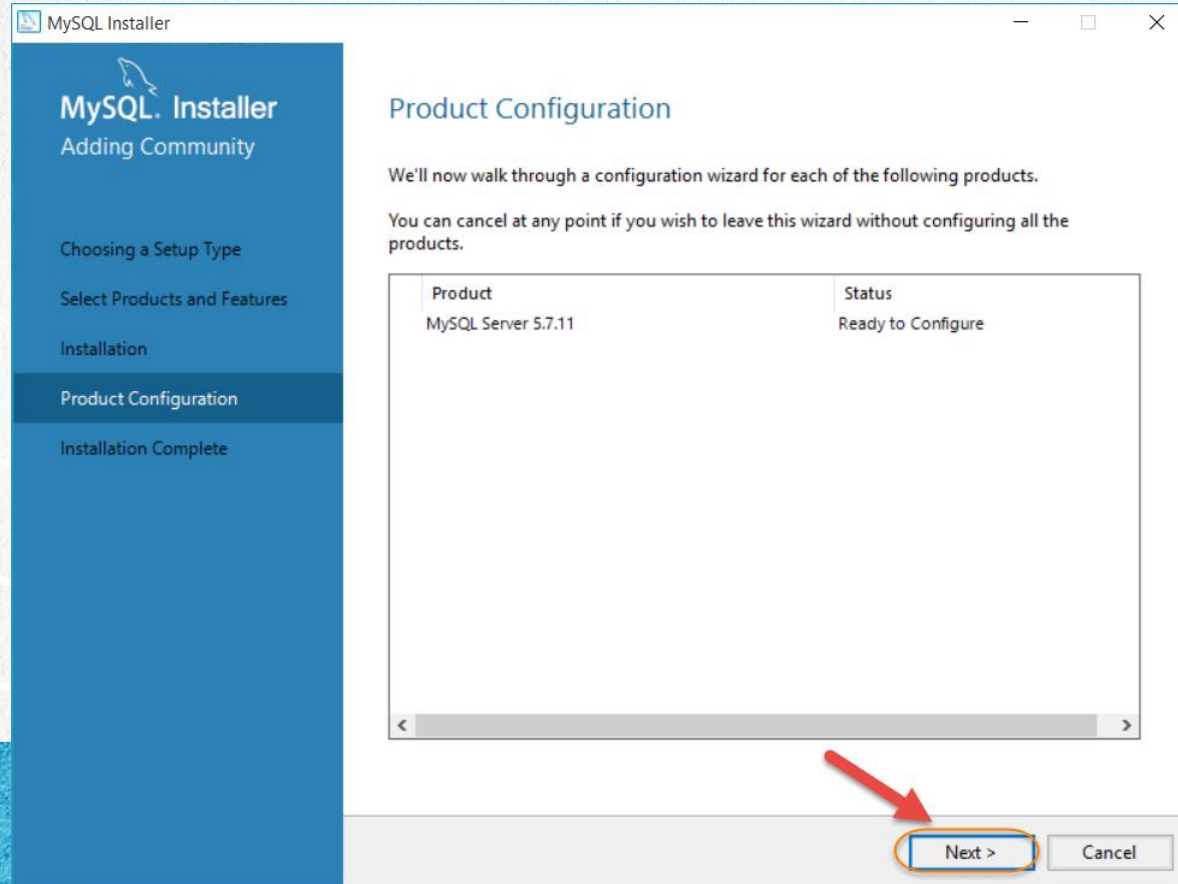
PASO 2. INSTALACIÓN DE MYSQL (CONT)



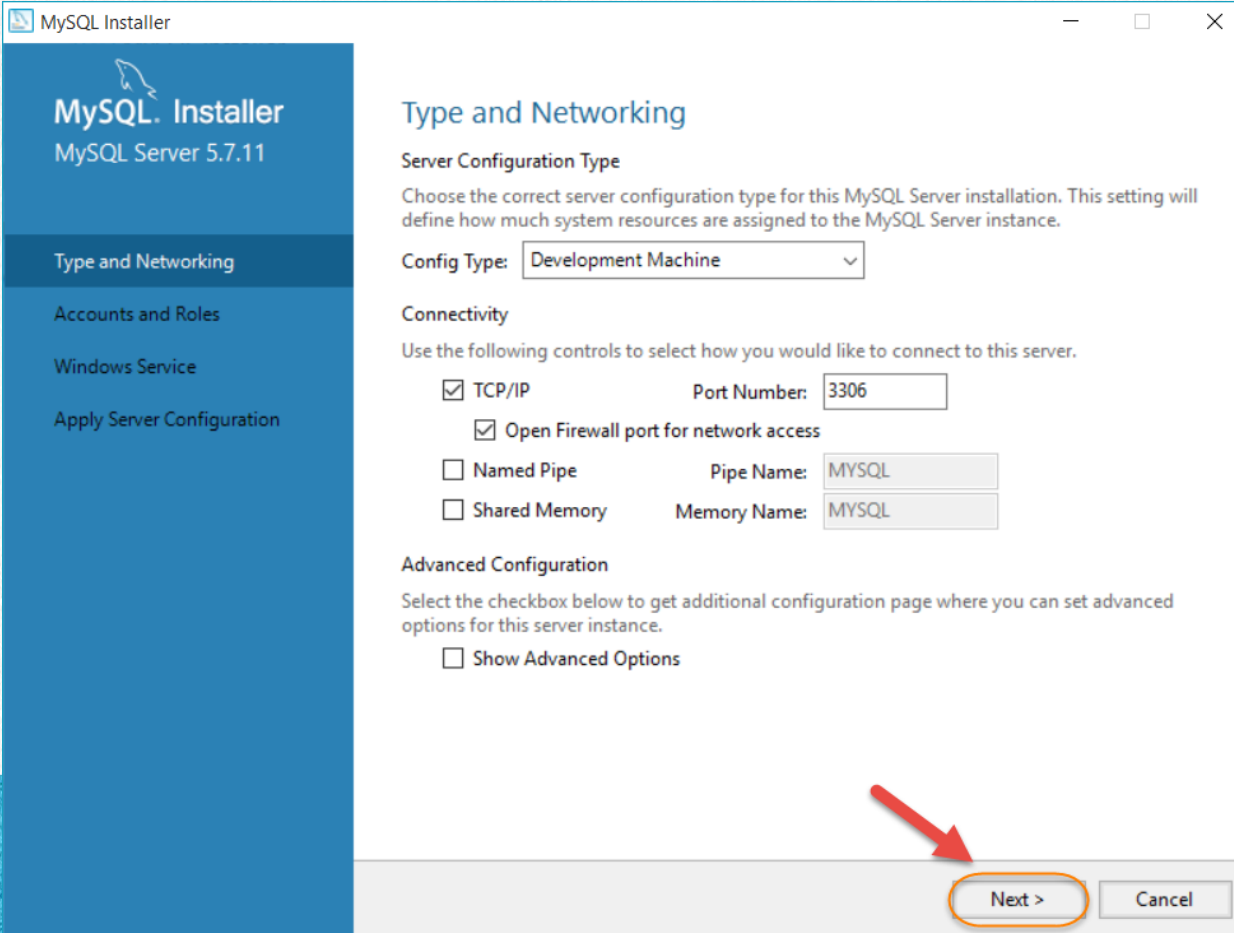
PASO 2. INSTALACIÓN DE MYSQL (CONT)



PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



PASO 3. CONFIGURACIÓN DE MYSQL (CONT)

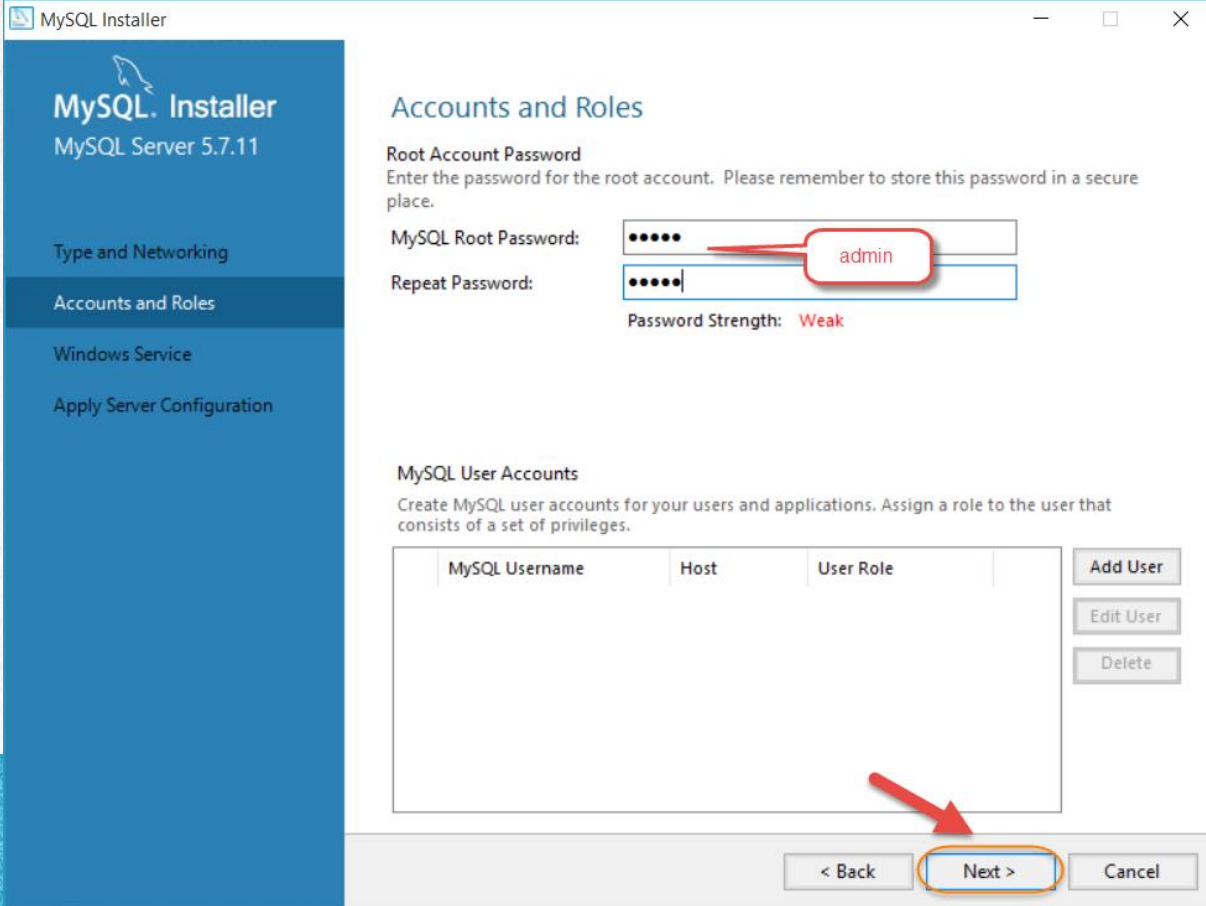


The image shows the MySQL Installer window for MySQL Server 5.7.11. The left sidebar contains the following menu items: 'Type and Networking' (selected), 'Accounts and Roles', 'Windows Service', and 'Apply Server Configuration'. The main area is titled 'Type and Networking' and contains the following sections:

- Server Configuration Type**
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Config Type:
- Connectivity**
Use the following controls to select how you would like to connect to this server.
 - ☒ TCP/IP Port Number:
 - ☒ Open Firewall port for network access
 - ☐ Named Pipe Pipe Name:
 - ☐ Shared Memory Memory Name:
- Advanced Configuration**
Select the checkbox below to get additional configuration page where you can set advanced options for this server instance.
 - ☐ Show Advanced Options

At the bottom right, there are two buttons: 'Next >' and 'Cancel'. A red arrow points to the 'Next >' button, which is also highlighted with an orange oval.

PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



The screenshot shows the MySQL Installer window for MySQL Server 5.7.11. The left sidebar contains the following menu items: Type and Networking, Accounts and Roles (highlighted), Windows Service, and Apply Server Configuration. The main area is titled 'Accounts and Roles' and contains two sections. The first section, 'Root Account Password', prompts the user to enter a password for the root account. The 'MySQL Root Password' field contains five dots, and the 'Repeat Password' field contains five dots. A red callout box with the text 'admin' points to both password fields. Below these fields, the 'Password Strength' is indicated as 'Weak'. The second section, 'MySQL User Accounts', prompts the user to create MySQL user accounts. It features a table with columns for 'MySQL Username', 'Host', and 'User Role'. To the right of the table are three buttons: 'Add User', 'Edit User', and 'Delete'. At the bottom of the window, there are three buttons: '< Back', 'Next >' (highlighted with a red circle and a red arrow), and 'Cancel'.

MySQL Installer

MySQL Server 5.7.11

Type and Networking

Accounts and Roles

Windows Service

Apply Server Configuration

Accounts and Roles

Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password:

Repeat Password:

Password Strength: **Weak**

MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL Username	Host	User Role
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Add User

Edit User

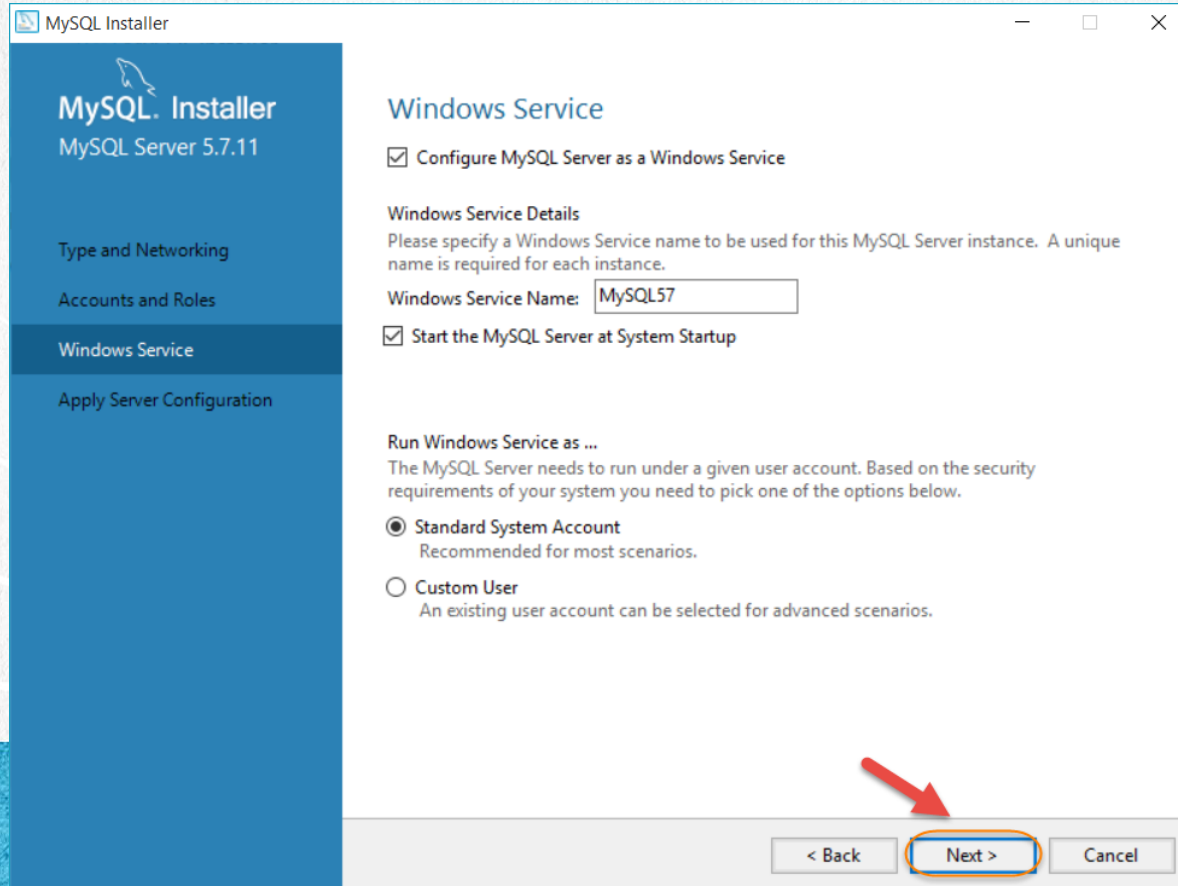
Delete

< Back

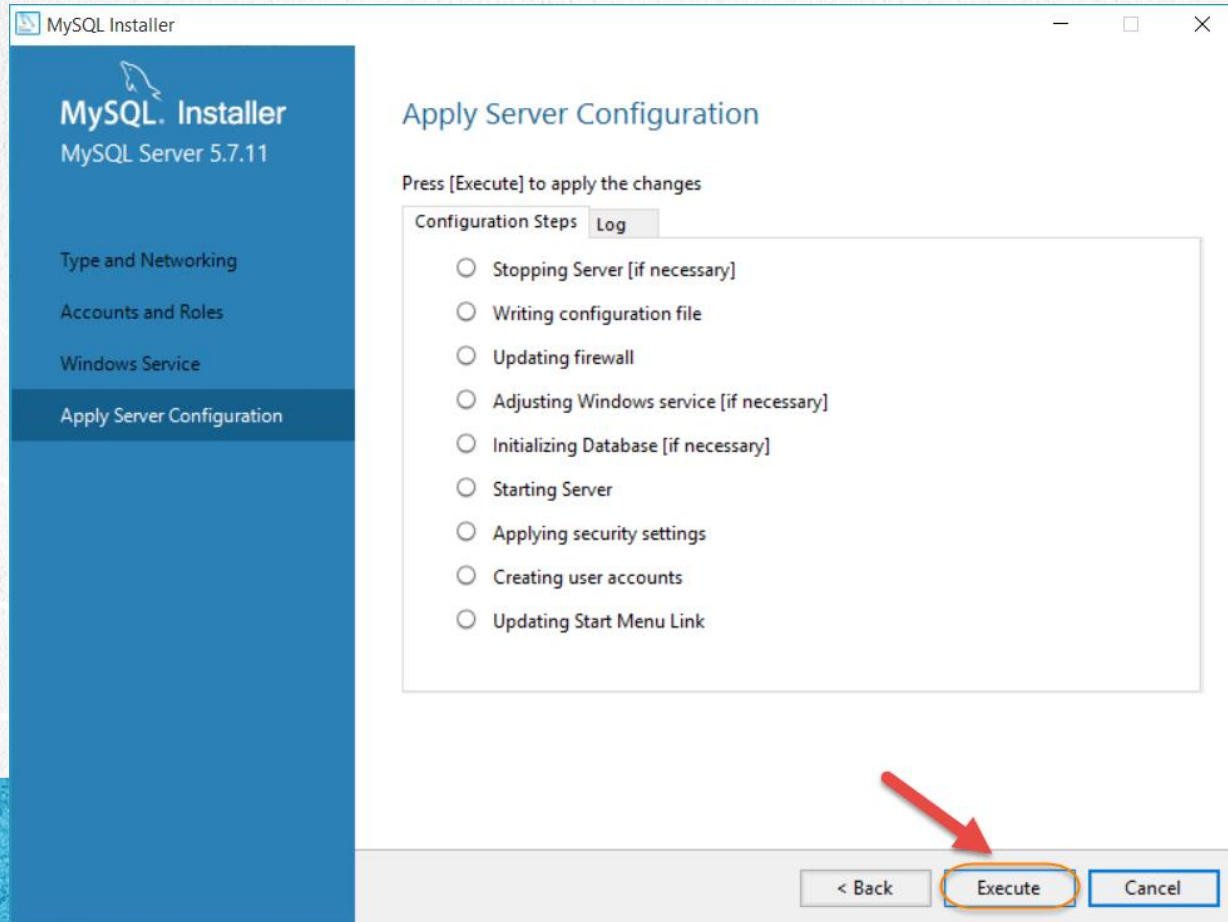
Next >

Cancel

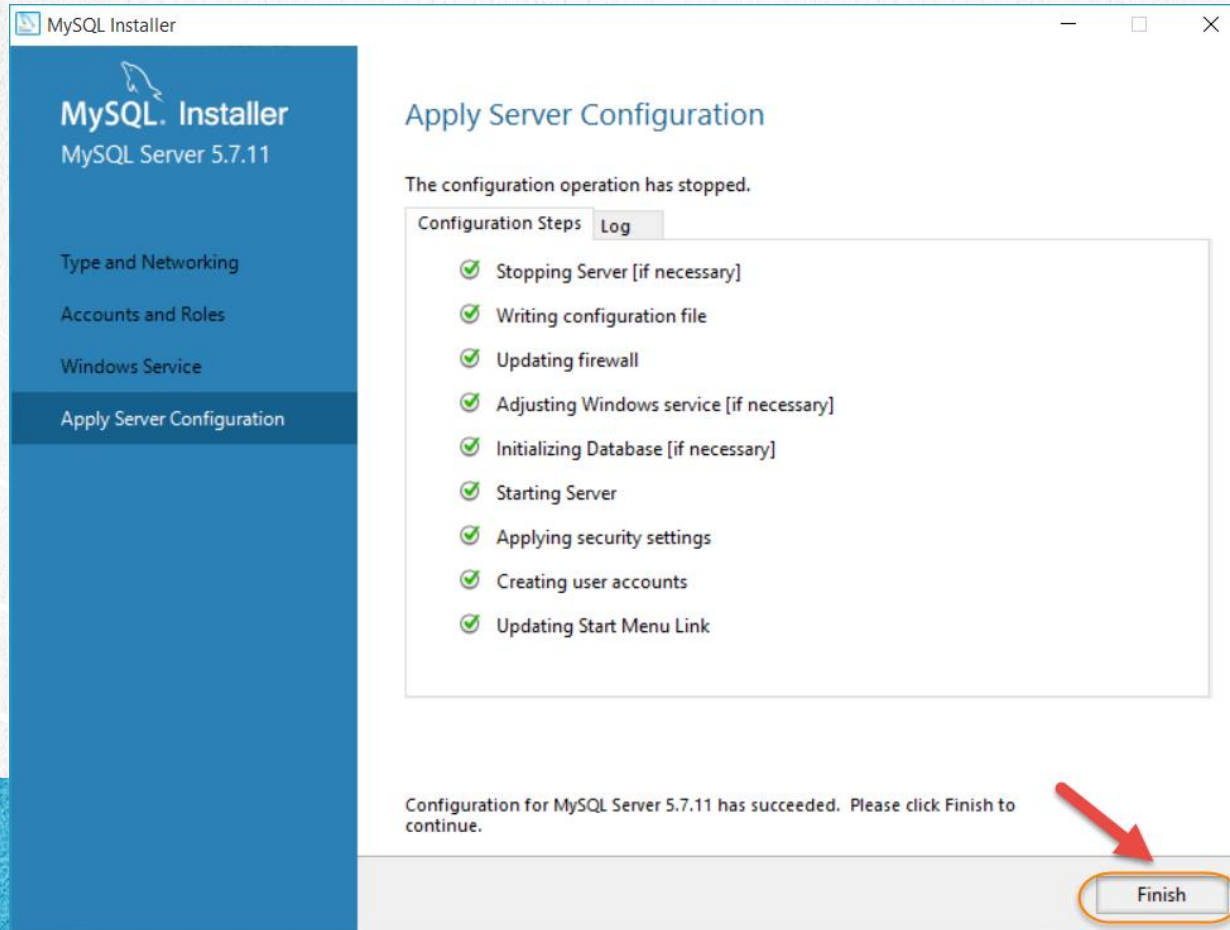
PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



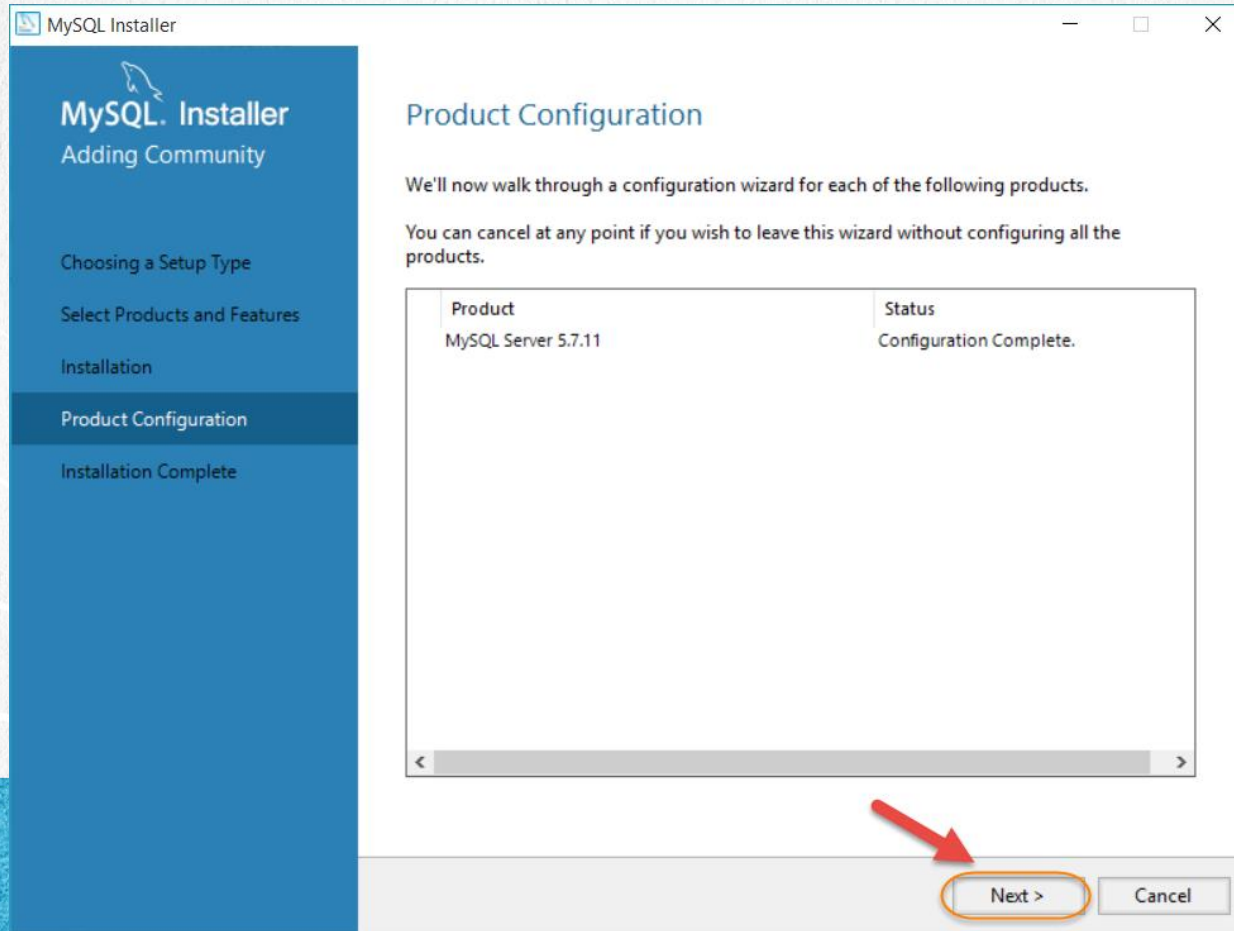
PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



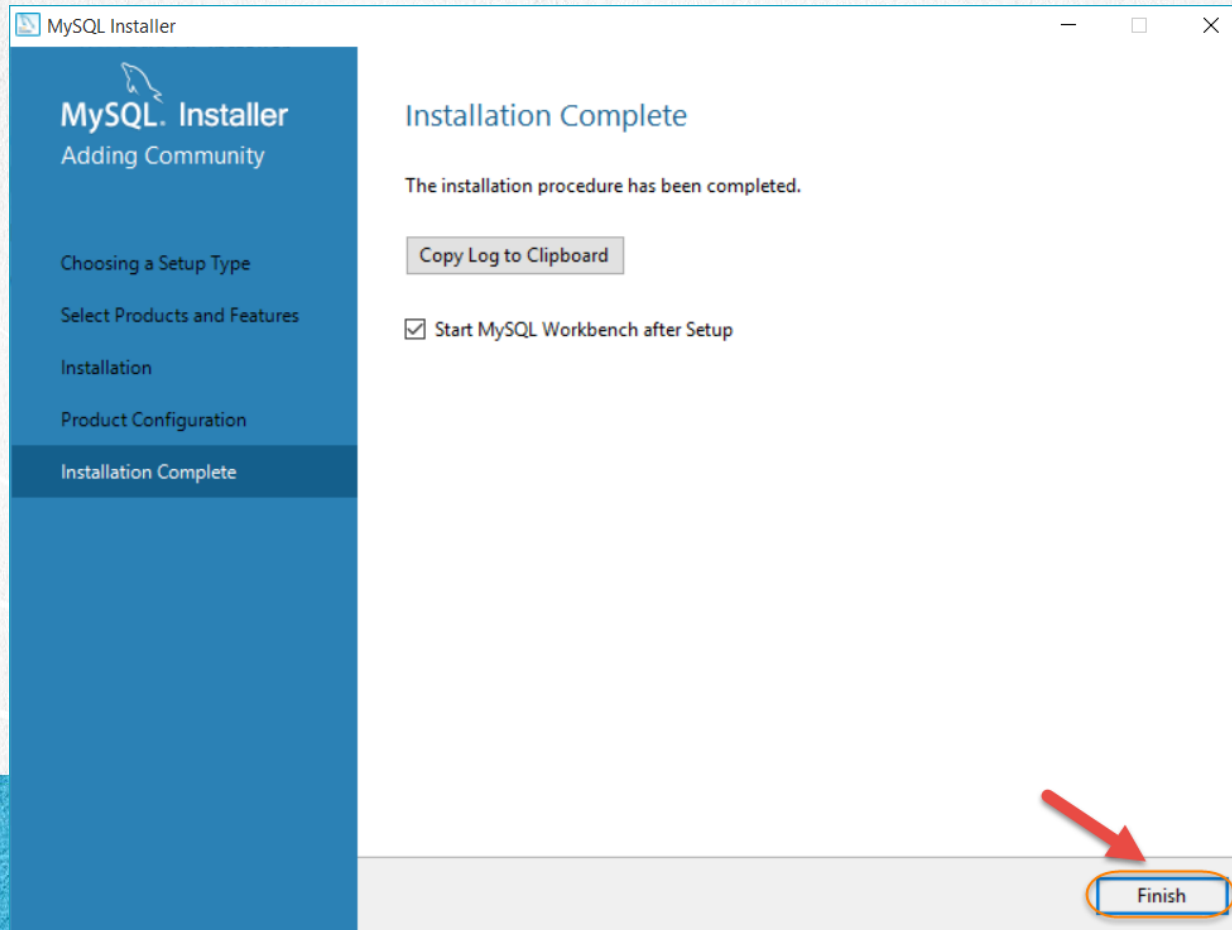
PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



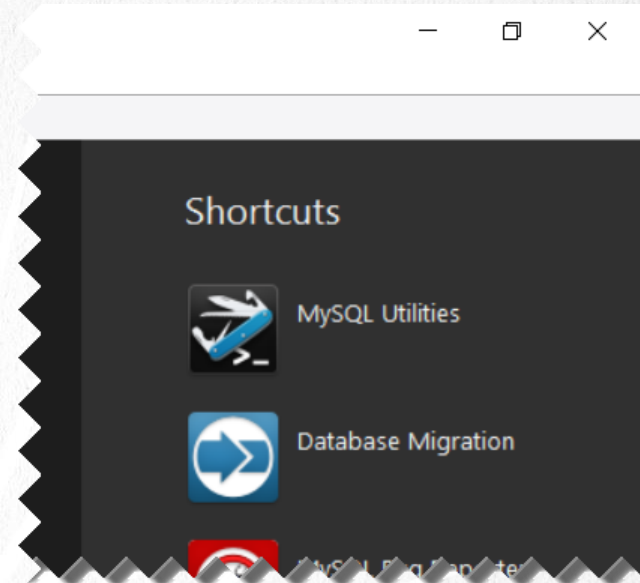
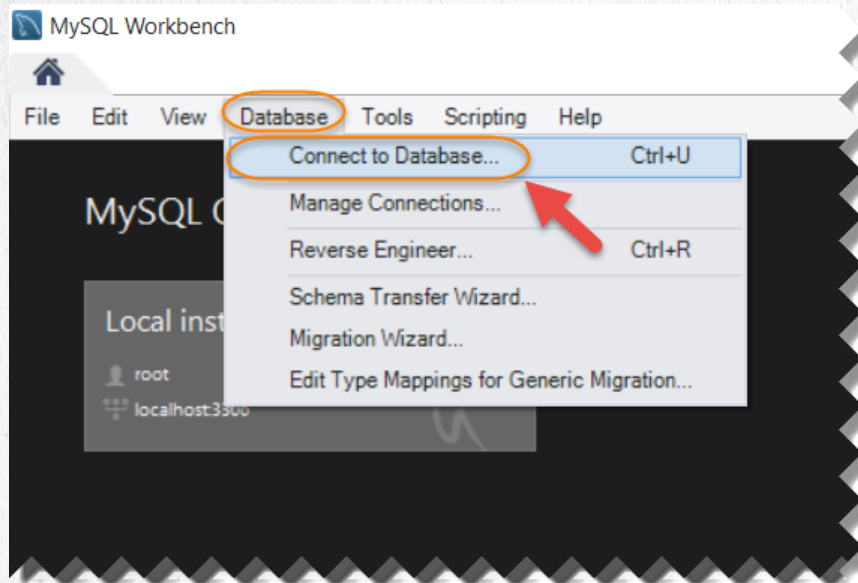
PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



PASO 3. CONFIGURACIÓN DE MYSQL (CONT)



PASO 4. CONEXIÓN DE MYSQL WORKBENCH



PASO 4. CONEXIÓN DE MYSQL WORKBENCH

Connect to Database

Stored Connection: Local instance MySQL56 Select from saved connection settings

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: localhost Port: 3306 Name or IP address of the server or TCP/IP port.

Username: root Name of the user to connect with.

Password: Store in Vault ... Clear The user's password. Will be recorded if set, otherwise not set.

Default Schema: The schema to use as default schema. Blank to select it later.

OK Cancel

Store Password For Connection

Please enter password for the following service:

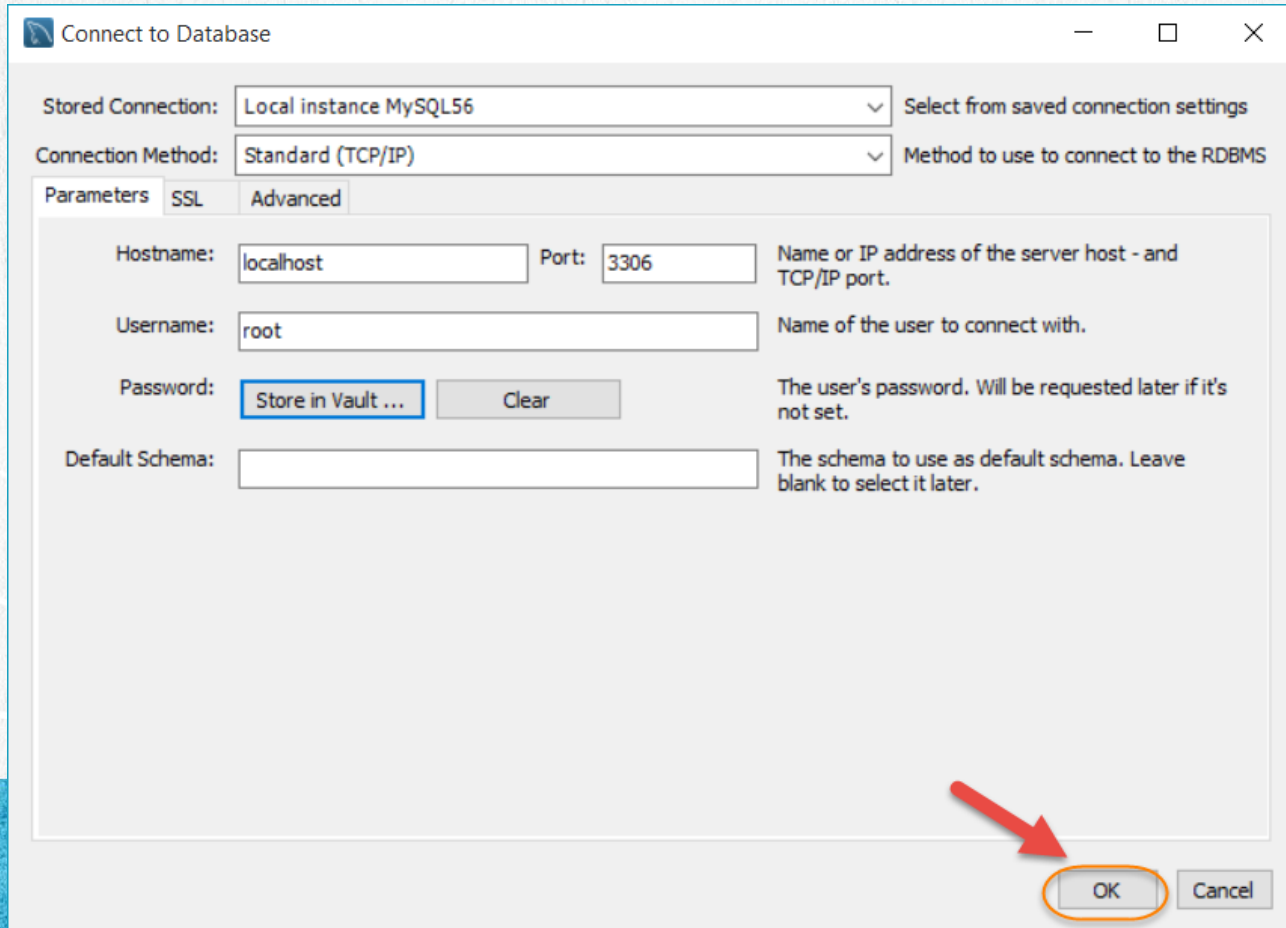
Service: Mysql@localhost:3306

User: root

Password: admin

OK Cancel

PASO 4. CONEXIÓN DE MYSQL WORKBENCH



Connect to Database

Stored Connection: Local instance MySQL56 Select from saved connection settings

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: localhost Port: 3306 Name or IP address of the server host - and TCP/IP port.

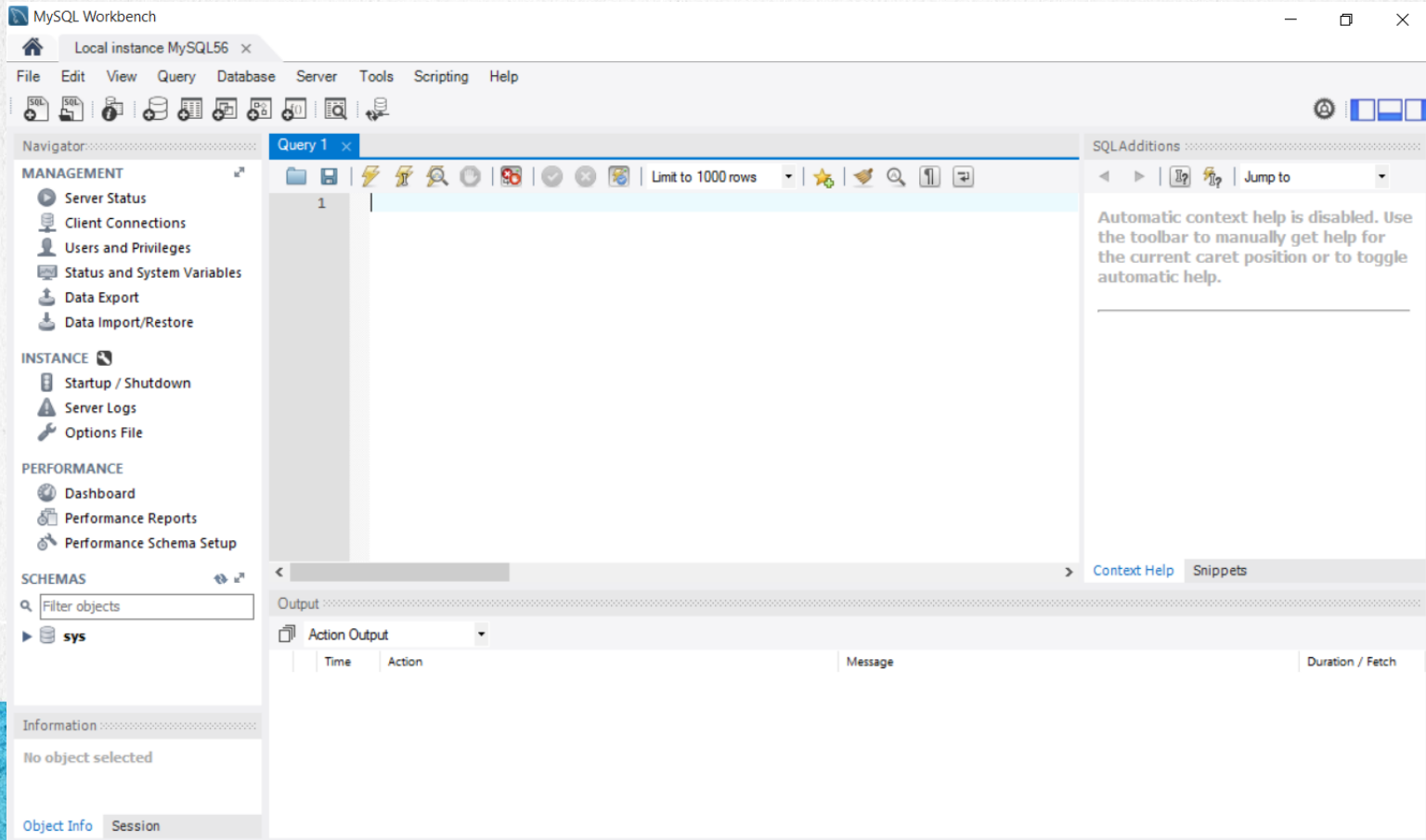
Username: root Name of the user to connect with.

Password: Store in Vault ... Clear The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

OK Cancel

PASO 4. CONEXIÓN DE MYSQL WORKBENCH



CONCLUSIÓN DEL EJERCICIO

Con este ejercicio hemos instalado MySQL. Este es el manejador de base de datos que vamos a estar utilizando en varias de las prácticas de este curso.

En el siguiente ejercicio crearemos una nueva base de datos, crearemos una nueva tabla dentro de esta base de datos e interactuaremos con la información que almacenará esta tabla de base de datos.

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